

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-777/7773-03-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

7773-03-7

Code:

M

RTECS:

Code:

X

Name:

POTASSIUM BISULFITE SOLUTION

Other REC Limits:

NONE SPECIFIED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NONE UNDER ORDINARY CONDITIONS/ ADEQUATE VENTILATION

Ventilation:

PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:

IMPERVIOUS

Eye Protection:

SAFETY/CHEMICAL GOGGLES

Other Protective Equipment:

Equipment AS REQUIRED TO PREVENT PROLONGED CONTACT.

Work Hygienic Practices:

OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health:

KEY1=T6. ITEM IS A KIT CONSISTING IF 100 TUBES OF CALCIUM HYPOCHLORITE (PNI B) AND 3 BOTTLES OF O-TOLUIDINE-DIHYDROCHLORIDE (PNI A) + 3 VIALS OF COLOR STANDARDS FOR 1,5,10 PPM CHLORINE EACH.

Health Hazards Data

LD50/LC50 Mixture:

LD50 (ORAL RAT) 670 MG/KG (O-TOLUIDINE)

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

YES

OSHA:

NO

Health Hazards Acute And Chronic:

ACUTE- TOXIC AND CARCINOGEN. MAY BE FATAL IF INHALED, ABSORBED THROUGH SKIN OR INGESTED. CAUSES IRRITATION. ABSORPTION INTO THE BODY LEADS TO THE FORMATION OF METHEMOGLOBIN WHICH CAN CAUSE CYANOSIS. CHRONIC- CARCINOGEN DUE TO O-TOLUIDINE.

Explanation Of Carcinogenicity:

CONTAINS ORTHO-TOLUIDINE.

Signs And Symptoms Of Overexposure:

TOXIC AND CARCINOGEN. MAY BE FATAL IF INHALED, ABSORBED THROUGH SKIN OR INGESTED. CAUSES IRRITATION. ABSORPTION INTO THE BODY LEADS TO THE FORMATION OF METHEMOGLOBIN WHICH CAN CAUSE CYANOSIS.

Medical Cond Aggravated By Exposure:

3 NONE KNOWN.

First Aid:

GET MEDICAL ATTENTION IMMEDIATELY. EYE/SKIN: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS OPEN. INHALED: REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL: CALL A PHYSICIAN/POISON CONTROL CENTER.

Spill Release Procedures:

SWEEP UP TABLETS. WASH SURFACE TO REMOVE RESIDUES.

Neutralizing Agent:

N/R

Waste Disposal Methods:

DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:

STORAGE- STORE IN COOL DRY PLACE. KEEP CONTAINER TIGHTLY CLOSED. KEEP DRY.

Other Precautions:

AVOID CONTACT WITH SKIN AND EYES. DO NOT TAKE INTERNALLY. WASH HANDS AFTER HANDLING. DO NOT RAISE DUSTS.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

N/R

Flash Point Text:

NONE

Autoignition Temp:

N/R

Autoignition Temp Text:

N/K

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

WATER SPRAY, CO₂, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:

4 WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS IF NECESSARY.

Unusual Fire/Explosion Hazard:

NONE KNOWN.

Physical/Chemical Properties

HCC:

D1

NRC/State IC No:

N/R

Net Prop WT For Ammo:

5

Boiling Point:

N/R

B.P. Text:

N/R

Melt/Freeze Pt:

N/R

M.P/F.P Text:

N/K

Decomp Temp:

N/R

Decomp Text:

N/UNKNOWN

Vapor Pres:

N/R

Vapor Density:

N/R

Volatile Org Content %:

N/R

Spec Gravity:

N/R

VOC Pounds/Gallon:

N/R

PH:

N/K

VOC Grams/Liter:

N/R

Viscosity:

N/P

Evaporation Rate & Reference:

N/R

Solubility in Water:

SOLUBLE

Appearance and Odor:

WHITE TABLETS - ODOLESS

Percent Volatiles by Volume:

N/R

Corrosion Rate:

N/UNKNOWN

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

WETNESS, LIGHT

Materials To Avoid:

STRONG OXIDIZING AGENTS, STRONG ACIDS

Hazardous Decomposition Products:

TOXIC FUMES OF CARBON MONOXIDE, CARBON DIOXIDE AND NITROGEN OXIDES

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/R

Toxicological Information

Information:

N/P

MSDS Transport Information

Information:

N/P

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information:

N/P

Physical/Chemical Properties

Information:

N/P

Fire and Explosion Hazard Information

Information:

N/P

Reactivity Data

Information:

N/P

Toxicological Information

Information:

N/P

MSDS Transport Information

Information:

N/P

Regulatory Information

Information:

N/P

Physical/Chemical Properties